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Ohio State Engineer

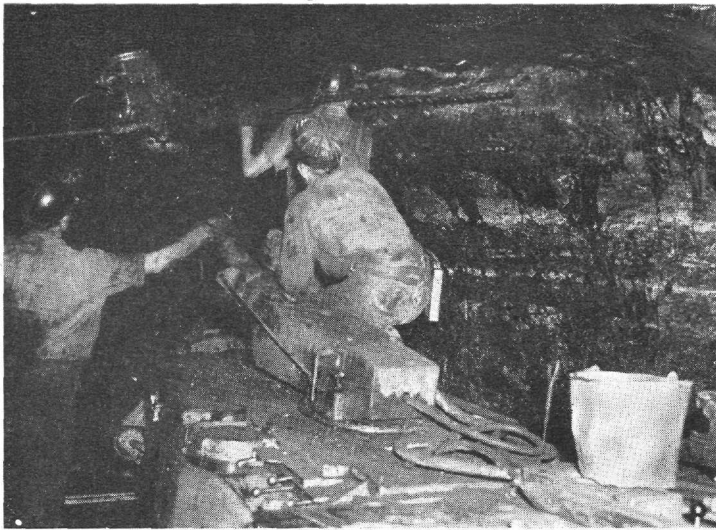
Title: Production of the Pipe in the "Big Inch"

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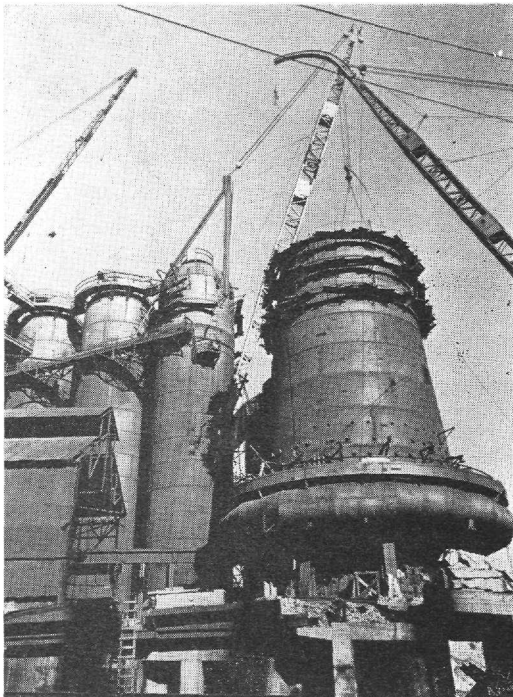
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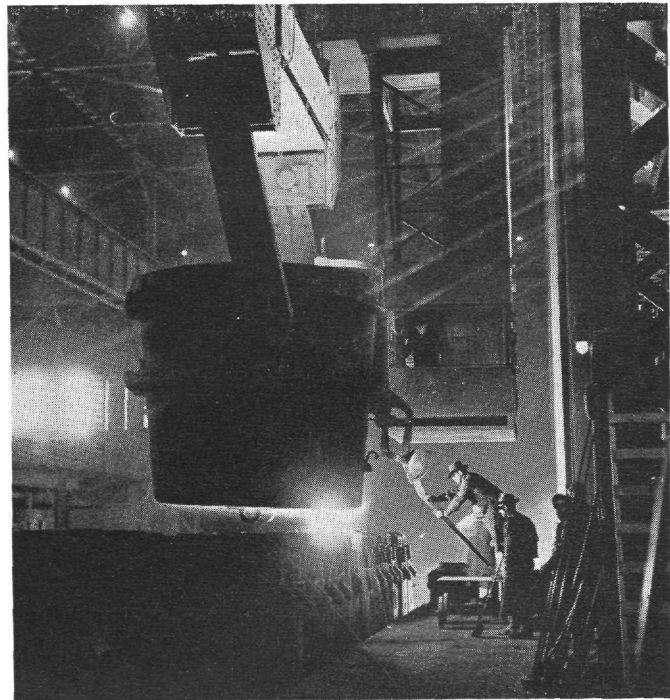
PRODUCTION OF THE PIPE IN THE "BIG INCH"

(Left) Using a modern coal cutter for cutting and removing coal from the mine.

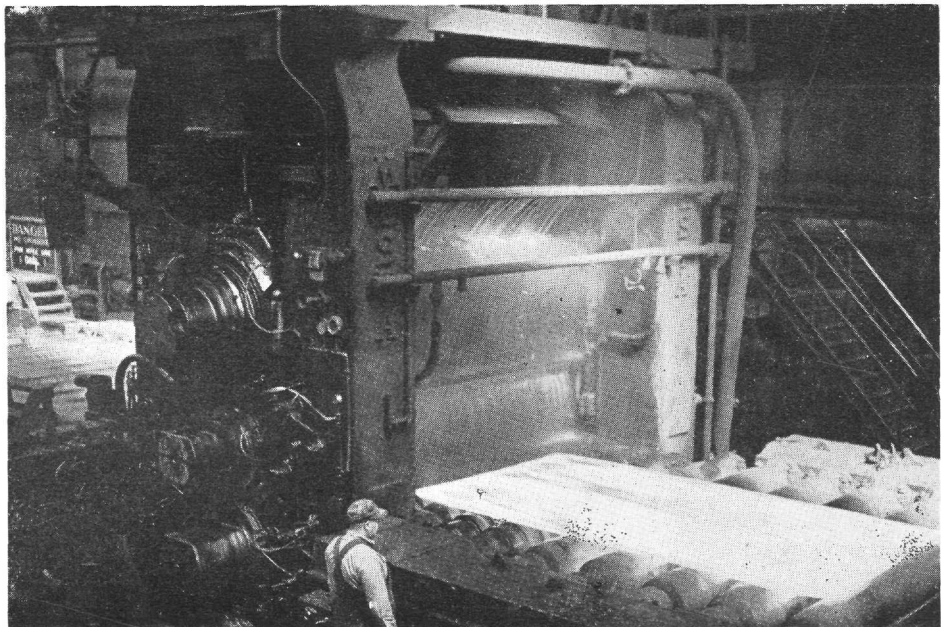
(Below) Electric furnace output pouring steel into the ingot molds prior to being put into the soaking pits.



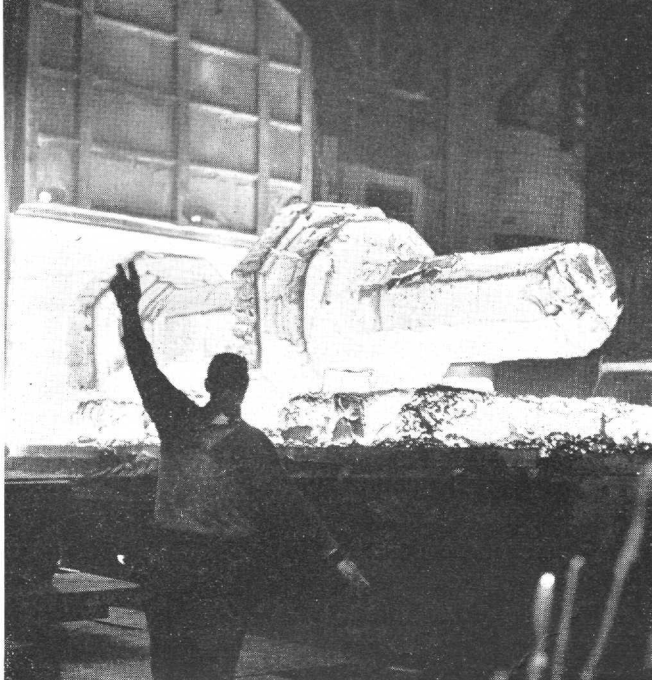
(Above) Coal and iron ore are smelted in this blast furnace, the molten iron being removed from the bottom.



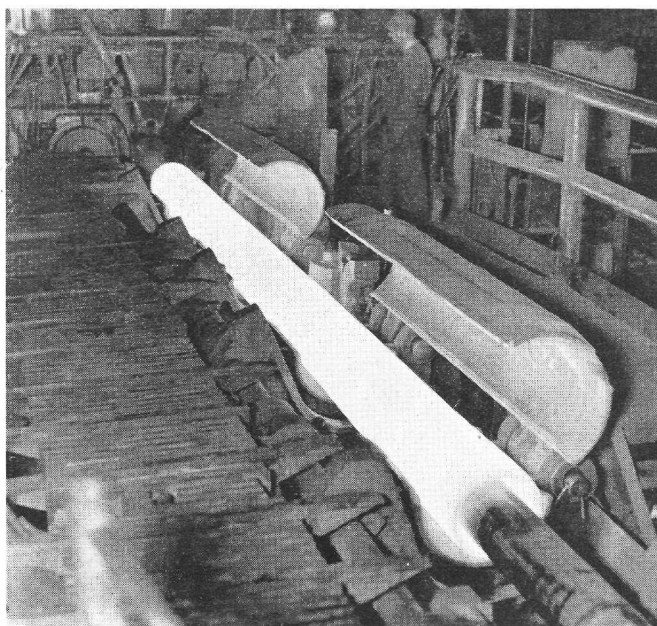
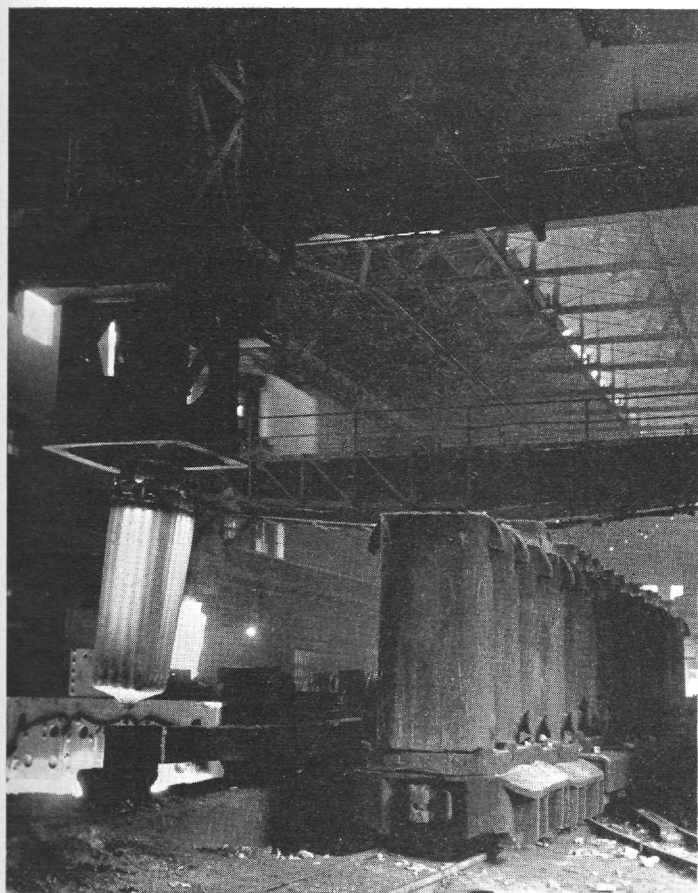
(Right) Here the hot steel is being rolled out into sheets.



(Below) Ingots from the mold are placed in a soaking pit to ready them for blooming or forging. Here an ingot is being drawn from the pit.



(Left) The hot ingots, by successive forgings, will be transformed into the desired product.



(Above) "Big Inch" pipe being pierced in the tube mill.



(Left) The final product—the "Big Inch" ready to be laid.